Manual Analysis

Import raw FCS files

↓

Per well compensation

↓

Select population(s) of interest

↓

Per plate quality control

↓

Set control gates

↓

Score test samples

↓

Annotation and analysis

plateCore Workflow

```
> pbmcFP <- flowPlate(pbmcPlate,
     wellAnnotation,plateName="PBMC.001")
```

```
> pbmcFP <- compensate(pbmcFP,compensation.matrix)
```

```
> pbmcFP <- Subset(pbmcFP, rectangleGate(
     "FSC-H"=c(300,700),"SSC-H"=c(50,400)))
```

```
> ecdfplot(~`FSC-H`|as.factor(Row.Id),plateSet(pbmcFP))
```

```
> pbmcFP <- setControlGates(pbmcFP,
     gateType="Negative.Control")
```

```
> pbmcFP <- applyControlGates(pbmcFP)
```

```
> pbmcFP <- summaryStats(pbmcFP)
```